

Table 1. Kinetics of phosphorylation of ADAP peptide(645–661) by various protein kinases

Protein kinase	$k_{\text{cat}}, \text{s}^{-1}$	$K_{\text{m}}, \mu\text{M}$	Catalytic efficiency, $\mu\text{M}^{-1}\cdot\text{s}^{-1}$
Protein kinase C			
Experiment 1	9.7	138	0.070
Experiment 2	9.6	126	0.076
Ca²⁺ /CaM kinase II			
Experiment 1	1.2	31	0.039
Experiment 2	1.1	17	0.065
cAMP-dependent protein kinase			
Experiment 1	0.01	90	0.0001
Experiment 2	0.01	160	0.00006
cGMP-dependent protein kinase	<0.01	—	—

Catalytic efficiency, $k_{\text{cat}}/K_{\text{m}}$.